



# AKHIL

Seeking a challenging opportunity in an Organization to excel and grow along with the organization by utilizing my knowledge and acquired skills towards fulfillment of organizational vision.

## CONTACT

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## SKILLS

- C++ Programming
- C Programming
- Python
- SQL and MySQL
- Linux
- HTML
- Data Structure
- Graphic Design
- MS-Office

## CERTIFICATIONS

- AI and ML
- Step into Robotics Process Automation
- Game Development
- Internet Of Things (IoT)
- Drone Development And Computing

## COURSEWORK

- Database Management System
- Operating System
- Computer Networks
- Data Structure and Algorithms
- Computer Graphics

## EDUCATION

**BUNDELKHAND UNIVERSITY** | Jhansi, UP

BACHELOR OF TECHNOLOGY | **COMPUTER SCIENCE ENGINEERING**

- Year of Completion 2022
- Cumulative GPA: 7.43

**KENDRIYA VIDYALAYA RANGAPAHAR CANTT**

Higher Secondary (XII), Science (PCMCs)

- Year of completion: 2017
- Percentage: 74%

**KENDRIYA VIDYALAYA RANGAPAHAR CANTT**

Secondary School (X), General Science

- Year of completion: 2015
- Percentage: 65%

## PROJECTS

### ✓ SUNO (Emotion Based Music Player)

- Detects Emotion by Scanning human face and play music according their Face Expression/ Emotion.
- Used Machine Learning and Deep Learning to recognize Face Expression. Music genre classification on basis on Machine Learning.
- Tech Stack: Python, EEL Libraries, TensorFlow, Keras, HTML, CSS.

### ✓ Low Powered Tethered UAV System, DRDO

- Designed a UAV for surveillance and operations for Dare to Dream event organized by DRDO.
- Onboard system was modified with Artificial Intelligence.
- Used Raspberry Pi programmed with Python to enhance multiple onboard sensors and circuits.
- Used multiple Python Libraries (Pycam, TensorFlow, Numpy,etc), Drone Computing (Pixhawk 2 Flight Controller).

## INTERNSHIP

### ✓ **Bharat Heavy Electricals Limited** | INTERN | Jul 2021 - Aug 2021

**Computer Numeric Control (CNC) & Programmable Logic Controllers (PLC)**

- The whole training was based on the advancements of upcoming heavy electrical instruments.
- Trained how to enhance the system after receiving signals from sensors.
- The Programming Language used while training was MATLAB and Python.